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(71) Applicant (for all designated States except US): **OS-COTEC INC.** [KR/KR]; 2-17 Omok-ri Seonggeo-eup Cheonan-si, Chungcheongnam-do 330-831 (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KIM, Jung-Keun** [KR/KR]; #114-302 Hyundai Apt. Hyojachon Seohyeon-dong Bundang-ku Seongnam-si, Kyunggi-do 463-050 (KR). **KIM, Se-Won** [KR/KR]; #503-102 Wolbong Hyundai Apt. Ssangyong-dong Cheonan-si,

Chungcheongnam-do 330-090 (KR). **KIM, Hyung-Gun** [KR/KR]; #5-108 Jinheung Apt. 65 Cheongdam-dong Kangnam-ku, Seoul 135-100 (KR). **KO, Seon-Yle** [KR/KR]; #1407 Hanareum Apt. Singwan-dong Kongju-si, Chungcheongnam-do 314-803 (KR). **KIM, Jong-Yeo** [KR/KR]; #106-304 Iisung Apt. Ssangyong-dong Cheonan-si, Chungcheongnam-do 330-090 (KR). **CHANG, Sunhwa** [KR/KR]; #108-410 Dujin Apt. Seonghwan-eup Cheonan-si, Chungcheongnam-do 330-800 (KR). **BAEK, Dong-Heon** [KR/KR]; 63-4 Samseong-dong, Kangnam-ku, Seoul 135-090 (KR). **LEE, Byung-Eui** [KR/KR]; #102-106 Life Saeyeoul Apt. Sintanjin-dong Daedeok-ku, Daejeon-si 306-782 (KR). **KO, Seong-Hee** [KR/KR]; #101-802 Cheongsong Apt. 1293-2 Ponam-2dong, Gangneung-si, Gangwon-do 210-947 (KR). **CHOI, Youngnim** [KR/KR]; College of Dentistry, Seoul National University 28 Yeongeong-dong Jongno-ku, Seoul 110-460 (KR). **JUNG, Dong Sik** [KR/KR]; #103-1603 Sungji Apt. Shinbang-dong Cheonan-si, Chungcheongnam-do 330-260 (KR). **WOO, Heejong** [KR/KR]; #306-1807 Hyangchonhyundai Apt. Shinbang-dong Cheonan-si, Chungcheongnam-do 330-769 (KR).

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(54) Title: COMPOSITION COMPRISING NOTOGINSENG RADIX EXTRACT FOR PREVENTING AND TREATING ARTHRITIS AS AN EFFECTIVE INGREDIENT

1) CIA mice without treatment of Notoginseng radix extract



0 day after treatment



21 day after treatment

2) CIA mice with treatment of Notoginseng radix extract



0 day after treatment



21 day after treatment

<RA Score>

- 1 : Light swelling and flair in joint
2 : Clear swelling and flair in joint
4 : Severe swelling and all over the joint

(57) Abstract: The present invention relates to a composition comprising Notoginseng radix extract for preventing and treating arthritis as an effective ingredient. Notoginseng radix extract of the present invention inhibits release of tumor necrosis factor-alpha (TNF- α) and is the death of activated T-cells only, so that it can be effectively used for the production of a medicine for preventing and treating arthritis and health food as well.

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(74) **Agent:** LEE, Won-Hee; 8th Fl. Sung-ji Heights II 642-16
Yoksam-dong Kangnam-ku, Seoul 135-080 (KR).

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